

SECOND PRELIMINARY AMENDMENT
US APPLN. NO. 10/084,471

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-42. (canceled).

43. (previously presented): A method for coating a metallic medical device with a radioactive isotope comprising:

- a) immersing said metallic medical device into an aqueous salt solution at a pH of about 10 to about 12 and comprising a radioactive isotope, said metallic medical device acts as an anode;
- b) inserting a cathode
- c) applying a current to said anode;
- d) removing said current from said anode, rinsing said metallic medical device and allowing to air dry

44. (previously presented): The method of claim 43, wherein after step d), the medical device is baked at a temperature below the recrystallization temperature of the medical device.

45. (previously presented): The method of claim 43, wherein said metallic medical device is a silver medical device, and said radioactive isotope is I-125.

46. (previously presented): The method of claim 45, wherein said step of applying comprises applying a current of from about 15 μ A to about 20 μ A, for about 2 hours.

47-55 (canceled)

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56. (previously presented): A method for coating a substrate with P-32 comprising:
- a) immersing said substrate within a matrix solution containing P-32 at a temperature of between 90° and 95°C, and pH 6-8, to produce a coated substrate; and
 - b) baking said coated substrate at a temperature below the recrystallization temperature of said substrate.